

Épreuve 2017
Anglais
(concours ENAC EPL/S)

Préambule

Ce document propose l'énoncé de l'épreuve d'Anglais du concours EPL/S 2017.

Consignes

La durée de l'épreuve est de 2h. Le jour de l'épreuve, les réponses sont reportées sur un formulaire où le candidat noircit les cases «A», «B», «C», «D» ou «E». Il est demandé d'utiliser un stylo bille ou une pointe feutre de couleur noire.

La consigne qui s'applique est la suivante :

Les extraits ci dessous abordent des thèmes divers tirés de l'actualité. Pour chaque phrase numérotée, vous devez choisir le mot ou l'expression correcte et noircir la case correspondante sur la feuille de réponses.

Dans cette épreuve, chaque question ne comporte qu'une seule bonne réponse. En 2017, il n'y avait pas de pénalité en cas de mauvaise réponse.

A 20-foot section of the Berlin Wall will return to Manhattan this Summer

A generation ago, in Berlin, citizens **1)** _____ the wall with sledgehammers. Today, in a New Jersey warehouse, conservators are reattaching flakes of paint to the wall with daubs of adhesive, so tiny they must be applied by syringe.

It is the strange fate of this 20-foot section of the Berlin Wall, which once separated West from East along the line of Waldemarstrasse, that it **2)** _____ now be found resting horizontally on timber-frame supports, under nearly surgical care.

3) _____ in a vast storeroom, the grotesque faces painted on the wall in the 1980s by the artists Thierry Noir and Kiddy Citny still alarm a viewer with their anger. The graffiti, of course, was only on its western side. No one but security guards could get **4)** _____ near the wall in East Berlin, not across a "death strip" that was fenced, mined, trenched, patrolled by attack dogs and watched from sentry towers.

In 1990, a year after the wall **5)** _____ the section from Waldemarstrasse was **6)** _____ display in Manhattan, in the plaza behind 520 Madison Avenue at 53rd Street. The enormous artifact - all 33,000 pounds of it - had been bought by Jerry I. Speyer, **7)** _____ of the Tishman Speyer real estate which owns the building.

Then, last September, without notice, it **8)** _____. At first, Tishman Speyer said nothing publicly about what had happened. But last week, the company allowed a photographer **9)** _____ the wall as it neared the completion of a painstaking conservation job.

"Unfortunately, it wasn't as durable as we thought, and it really required a considerable conservation effort," Mr. Speyer said.

The wall **10)** _____ to return to 520 Madison Avenue by midsummer. This time it will stand in the lobby, where it will be on public view, Mr. Speyer said.

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|---------------------|-----------------|----------------|--------------------|---------------------|
| 1) A) have attacked | B) had attacked | C) will attack | D) attacked | E) would attacked |
| 2) A) must | B) is | C) has | D) had | E) should |
| 3) A) Whilst | B) Whether | C) Even | D) Ever | E) Always |
| 4) A) somehow | B) some place | C) somewhere | D) anywhere | E) anyhow |
| 5) A) fell | B) felt | C) fled | D) flew | E) flown |
| 6) A) put on | B) put up | C) put back | D) put forward | E) put aside |
| 7) A) principal | B) chef | C) foreman | D) chairman | E) master |
| 8) A) has disappear | B) disappeared | C) disappear | D) had disappeared | E) have disappeared |
| 9) A) seeing | B) to see | C) looking | D) to look | E) to watch |
| 10) A) is | B) will | C) must | D) should | E) might |

Demand for rubber threatens forests

Tropical forests are being cleared for rubber plantations, putting endangered birds, bats and primates at risk say UK researchers.

By 2024, up to 8.5 million hectares of new rubber plantations will be needed to **11)** _____ demand, they report in Conservation Letters.

Species such as the endangered white-shouldered ibis, yellow-cheeked crested gibbon and clouded leopard could **12)** _____ precious habitat, said the team led by Eleanor Warren-Thomas. There's a lot we can do as scientists and the public to make rubber production **13)** _____ wildlife-friendly:

"The tyre industry consumes 70% of all natural rubber grown, and **14)** _____ demand for vehicle and aeroplane tyres is behind the recent expansion of plantations. But the impact of this is a loss of tropical biodiversity," she said.

Eight-point-five **15)** _____ hectares is about the size of the land area of Austria. Rubber is the most rapidly expanding tree crop within mainland Southeast Asia.

Concern has been **16)** _____ among conservationists that switching land use to rubber cultivation can harm soil, water and biodiversity.

Another study found that numbers of bird, bat and beetle species can decline **17)** _____ up to 75% in forests that have been converted to rubber. The researchers, from UEA and the University of Sheffield, are calling **18)** _____ tyre manufacturers to support initiatives such as certification schemes.

Commenting on the study, Dr Matthew Struebzig of the University of Kent, UK, said certification standards **19)** _____ the rubber industry were key to protecting forests:

"There's a lot we can do as scientists and the public to make rubber production more wildlife-friendly," he said. "It can range from agro-forestry - mixing rubber with other trees - to retaining patches of natural vegetation along rivers or in small conservation set-asides, as is done in organic farming in Europe. The onus is on the rubber industry to develop a certification standard that is credible, for the public to support that, and for scientists to help develop ways to manage the rubber crop in an environmentally **20)** _____ way."

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|-----------------|-------------|----------------|---------------|--------------|
| 11) A) rely | B) see | C) reply | D) comply | E) meet |
| 12) A) loose | B) loosen | C) lose | D) have lost | E) lost |
| 13) A) more | B) such | C) so | D) much | E) many |
| 14) A) height | B) rose | C) risen | D) hiring | E) rising |
| 15) A) millions | B) million | C) millions of | D) million of | E) a million |
| 16) A) growing | B) creasing | C) cracking | D) climbing | E) winding |
| 17) A) with | B) to | C) as | D) by | E) over |
| 18) A) up | B) to | C) at | D) on | E) out |
| 19) A) to | B) for | C) of | D) with | E) off |
| 20) A) friendly | B) goodly | C) like | D) nice | E) chummy |

Google reveals computer on a stick

Google has announced new Chrome-powered computers, which are **21)** _____ to target budget-conscious consumers and schools.

"This is a booming sector of the **22)** _____ at the moment," commented Chris Green, a tech analyst at the Davies Murphy Group consultancy.

"With the falling cost of hardware, schools **23)** _____ to families to equip kids with their own computers - the idea of BYOD [bring your own device to class].

"This has prompted manufacturers to create low-cost entry-level **24)** _____ that parents then buy for their children as well as themselves."

Google has pledged not to **25)** _____ ads to children that use the education-related software it provides for its Chrome platform. But one expert said the company still hoped to financially benefit in the long-term.

"The key goal here for both Google and Microsoft is to put their brand and services **26)** _____ there in front of kids to **27)** _____ loyalty at a very early age," said Ronan de Renesse, a consumer technology expert at the Ovum consultancy.

"It's also a good way to see whether or **28)** _____ to extend these types of devices to emerging markets, where they could be used outside education by people with very low **29)** _____ incomes."

"We hope to make these **30)** _____ available in the future, however we have nothing more to announce at this time," said a spokeswoman.

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|--------------------|----------------|---------------|----------------|----------------|
| 21) A) jet | B) net | C) let | D) bet | E) set |
| 22) A) stall | B) market | C) shop | D) store | E) supermarket |
| 23) A) are looking | B) to look | C) looks | D) looked | E) will look |
| 24) A) outlooks | B) laptops | C) desks | D) wires | E) plugs |
| 25) A) display | B) demonstrate | C) manifest | D) cover | E) show off |
| 26) A) on | B) over | C) up | D) below | E) out |
| 27) A) construe | B) construct | C) build | D) make | E) do |
| 28) A) yes | B) so | C) not | D) if | E) how |
| 29) A) throwaway | B) disposable | C) recyclable | D) renewable | E) available |
| 30) A) widely | B) narrowly | C) strangely | D) notoriously | E) lowly |

Why everyone may soon have a personal air vehicle

We are going to have personal air vehicles that are both cars and planes; at least that's Missy Cummings's vision of the future. It's basically the intersection of a drone with a robotic car, so that your plane is also your car, but the big leap in technology is that you are actually driving **31)** _____.

Drones have a negative bias in the media, says Cummings, because they are **32)** _____ seen as spy cameras. But most people don't realise that when they are on a plane they are effectively travelling on a drone. The fly-by-wire technology that exists on all Airbus and many Boeing craft is the exact same technology that exists on drones.

The reason why drones are an answer for the future is that the truth is we are terrible drivers. Humans **33)** _____ have a half-second lag in almost any quick response that they need to have, for example a ball rolling out in a street. Even a half-second delay **34)** _____ mean the difference between life and death, and computers and automated systems don't have that -they have microseconds.

So, our transportation network of the future, **35)** _____ on the ground and in the air, will actually be **36)** _____ when we turn it over to computers.

There really aren't any technological **37)** _____ to this idea, says Cummings. The biggest problems we have are psychological and cultural, **38)** _____ giving up the car. But no new technology needs to be developed to have your own personal flying car. What we have to do is improve production and reduce manufacturing costs, and what that means is that we need more robots. So this is almost a self-circular process, where we need robots to build robots to make them **39)** _____.

So, when we look at globalising this concept of personal air vehicles, it means we will see the quality of life improve dramatically for everyone **40)** _____ the world.

- 31) A) either B) other C) neither D) lesser E) truer
- 32) A) remotely B) sufficiently C) importantly D) essentially E) awkwardly
- 33) A) inherently B) in-built C) inhouse D) inability E) indelibly
- 34) A) should B) won't C) would D) will E) can
- 35) A) both B) two C) as D) like E) such
- 36) A) safety B) sure C) safer D) security E) secure
- 37) A) hurdles B) jumps C) laps D) springs E) plunges
- 38) A) on account B) at any rate C) as far as D) in terms of E) by the way
- 39) A) cleaner B) handier C) cosier D) happier E) cheaper
- 40) A) around B) through C) direct D) out E) beyond

Highest stone circle in southern England found on Dartmoor

The highest stone circle in southern England **41)** _____ on a weather-battered slice of moorland in Devon.

Situated 525 metres (1,722ft) **42)** _____ sea level, the ancient site is the first stone circle to be found on Dartmoor for more than a century.

The circle is the second largest on the moor and archaeologists believe it was probably part of a "sacred arc" of circles around the north-eastern edge.

Its discovery (**43)** _____ weight to the theory that there was some kind of planning and liaison between the communities living on Dartmoor in the late Neolithic/early Bronze Age 4,000 to 5,000 years ago.

Many stone circles were prodded and probed in Victorian **44)** _____ and before, so the opportunity to use modern scientific methods on a previously unexamined one is particularly exciting.

Archaeologists say the stone circle provides an exciting opportunity to **45)** _____ modern scientific methods to a previously unexamined circle.

Jane Marchand, senior archaeologist at Dartmoor national park, said: "The discovery is providing an opportunity for investigation using the very latest archaeological scientific methods to provide long-awaited **46)** _____ into the chronology, construction and the purpose of these most elusive and iconic of Dartmoor's prehistoric monuments."

With a diameter of 34 metres (112ft), the circle **47)** _____ of 30 recumbent stones, plus one more lying in a gap just outside the circle and now incorporated into an unfinished enclosure wall.

The stones are of a fairly uniform size, suggesting they were carefully chosen. Packing stones visible around the bases of some of these indicate that they were originally **48)** _____.

Marchand added: "Some preliminary radio carbon dating has already taken place on soil samples taken from directly **49)** _____ two of the stones. These are the first radiocarbon determinations from a Dartmoor stone circle. The dates have produced very similar results and calibrate to the end of the third millennium BC (4,000 years ago). This indicates the date **50)** _____ which the stones had fallen."

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|-----------------------|-------------|--------------|---------------|----------------|
| 41) A) has been found | B) found | C) has found | D) founded | E) was founded |
| 42) A) beyond | B) over | C) up | D) top | E) above |
| 43) A) multiplies | B) adds | C) subtracts | D) divides | E) calculates |
| 44) A) moments | B) times | C) era | D) century | E) period |
| 45) A) try | B) use | C) apply | D) experiment | E) fix |
| 46) A) visions | B) views | C) insights | D) sights | E) visuals |
| 47) A) rounds | B) includes | C) comprises | D) consists | E) builds |
| 48) A) uptight | B) upright | C) upstart | D) upset | E) upfront |
| 49) A) beams | B) amidst | C) beyond | D) amongst | E) beneath |
| 50) A) to | B) of | C) down | D) up | E) by |

Airbnb grows to a million rooms, and hotel rivals are quiet, for now

By any measure, Airbnb's growth has been **51)** _____ since the company was founded in 2008. It now has more than a million rooms available in homes and apartments. **52)** _____ this growth, though, the big hotel chains, at least outwardly, have yet to take substantial action to counter the potential threat from the upstart lodging service.

One reason is the strength of the travel market. Spending on hotels this year is projected to be even higher than last year's robust outlays, **53)** _____ to Douglas Quinby, an analyst for Phocuswright. Other reasons include the ingrained habits of travelers, particularly older ones and business travelers on **54)** _____ accounts, who see no reason to change their ways.

But there are signs that Airbnb is making **55)** _____ with business travelers, a critical group of customers to the hotel industry. Airbnb now reports that just under 10 percent of its guests are traveling on business.

Mike Oshins, a hospitality management professor at Boston University, said that travelers working for themselves or small companies were the most likely professionals to use Airbnb. Kisha Mays, chief executive of Just Fearless, a business development company serving female entrepreneurs, often travels outside the United States and prefers Airbnb to hotels. **56)** _____ with the lower price, she appreciates being able to wash a few items of clothing or eat dinner without going out to a restaurant. "I want to feel like I am at home instead of in some **57)** _____ hotel room," she said.

Hotel room price growth in New York has lagged behind historical levels during the economic upturn, according to research by Sean Hennessey of New York University's Tisch Center for Hospitality and Tourism. **58)** _____ some of that is because of the increase of hotel construction and number of available rooms, he said, hoteliers also cite the advent of a "shadow inventory" including Airbnb and others as a reason for the price stagnation.

They may not cite Airbnb as a direct competitor, but hotels are taking some actions as the service grows more popular. Hospitality industry representatives are asking for laws **59)** _____ Airbnb properties to adhere to the same safety standards that hotels do. Airbnb said it required hosts to follow their local laws and encourages all hosts to take some basic steps to keep their homes safe.

"I do believe people will sample the service," Mr. Hennessey said, "but converting masses of people permanently is a very **60)** _____ task."

- 51) A) glistening B) twitching C) twinkling D) sparkling E) stunning
- 52) A) Despite B) Because C) Although D) In spite E) Within
- 53) A) agreeing B) according C) saying D) telling E) speaking
- 54) A) cherished B) dear C) expensive D) total E) expense
- 55) A) railroads B) high roads C) crossroads D) byroads E) inroads
- 56) A) Along B) Beside C) As well as D) Also E) As
- 57) A) awkward B) clumsy C) bleak D) distracted E) dislocated
- 58) A) While B) When C) For D) During E) After
- 59) A) would require B) will require C) required D) requiring E) have required
- 60) A) frail B) tough C) rugged D) cough E) rough

Looking for ways to keep memory sharp in aging brains

With people **61)** _____ living longer, marketers are seizing on every opportunity to sell remedies and devices that they claim can enhance memory and other cognitive functions and perhaps stave off dementia as people age.

Among them are "all-natural" herbal supplements with ingredients that include the brain stimulant ginkgo biloba, and huperzine A, said to increase levels of the neuro transmitter acetylcholine; brain-training games on computers and smartphones; and all **62)** _____ of puzzles, including crosswords, sudoku and jigsaw, that give the brain a workout, albeit a sedentary one.

Unfortunately, **63)** _____ such potions and gizmos have been proven to have a meaningful, sustainable benefit beyond **64)** _____ the pockets of their sellers. Before you invest in them, you'd be wise to look for well-designed, placebo-controlled studies that attest to their ability to promote a youthful memory and other cognitive functions.

Even the widely acclaimed value of doing crossword puzzles has been **65)** _____ into question, beyond its unmistakable benefit to one's font of miscellaneous knowledge.

There is also research-based evidence that certain computer games can improve cognitive skills in older people. Dr. Adam Gazzaley, a neuroscientist at the University of California, demonstrated that a computer game called NeuroRacer enhanced the ability to multitask, a facility that typically declines with age. NeuroRacer requires players to **66)** _____ a car on a winding, hilly road with the left thumb while watching for signs that randomly pop up and have to be shot down with a right-hand finger.

Nonetheless, Dr. Gazzaley cautioned against assuming that video games are "a guaranteed panacea" for cognitive decline. **67)** _____ it is commonly thought that older adults do not enjoy learning to use new technology, the researchers noted that the older adults who completed the computerized training programs "were positive" about the experience.

They pointed out that with a growing number of older adults having computers and access to the Internet, "cognitive training programs need to take fuller advantage of these outlets to improve cognitive function and delay cognitive decline in **68)** _____ life." However, the team also called for more and larger "well-designed randomized controlled trials" to confirm their findings.

In addition **69)** _____ in daily physical exercise, consuming a heart-healthy diet and trying to get seven hours of sleep a night, other memory enhancing strategies include addressing people by name every time one sees them and dialing frequently called phone numbers from memory rather than using **70)** _____ dial.

- | | | | | |
|---------------|--------------|---------------|-------------|----------------|
| 61) A) places | B) worldwide | C) nationwide | D) earthly | E) worldly |
| 62) A) type | B) manner | C) kind | D) sort | E) classes |
| 63) A) lot | B) lots of | C) many | D) much | E) few |
| 64) A) sewing | B) lining | C) knitting | D) weaving | E) waving |
| 65) A) cried | B) shouted | C) called | D) howled | E) hollered |
| 66) A) storm | B) steer | C) stare | D) steal | E) stealth |
| 67) A) Even | B) Although | C) Whenever | D) Often | E) Seldom |
| 68) A) later | B) older | C) senior | D) pension | E) retirement |
| 69) A) moving | B) to moving | C) engaged | D) engaging | E) to engaging |
| 70) A) type | B) tap | C) touch | D) speed | E) hand |

Should doctors be allowed to nap on the job?

Are medical students overworked? It's a question that's asked in many countries, and in Latin America the debate has been fuelled by photos of a young resident taking a **71)** _____.

It's late, you're exhausted from working all hours at a stressful job, and nobody's around - so you try to **72)** _____ a few minutes sleep. It's what happened to a young medical resident in Monterrey, Mexico - only she didn't count on a patient **73)** _____ her and taking a picture which was then posted online, prompting a huge debate.

It's standard practice for junior doctors in Mexico and most countries in the region to work **74)** _____ of up to 36 hours in their final years of training. But the blogger also noted that **75)** _____ a doctor is qualified, they enjoy a good quality of life and a decent salary - well beyond the standard of most of the patients they treat.

But the doctors didn't take the criticism **76)** _____. When Juan Carlos, a Mexican doctor, heard the story, he created the hashtag #YoTambienMeDormi ("I've also fallen asleep"). Carlos told BBC Trending that he wanted to "expose the differences between the rights of doctors and the rights of patients."

"As a doctor here in Mexico, it's illegal to take a picture of a patient without their prior consent, even if it's for medical purposes. But a patient can take a photo of a doctor with the **77)** _____ purpose of damaging our reputation."

So far, 17,000 people have declared their support for medical students on Twitter **78)** _____ several thousands more on Facebook, and the discussion has grown to include doctors and patients all over the region. Many have posted pictures of themselves or colleagues sleeping on the job to highlight how tiring their work is.

The Latin American doctors argue, however, that they're not being treated as humans with "normal physiological needs", says another Mexican doctor, Marcela Cueva, "And that doesn't mean that we don't **79)** _____ of our patients. The problem is that nowadays the doctor-patient relationship has been damaged and social media is part of the reason. People are **80)** _____ to write when they go through bad experiences rather than good ones."

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|--------------------|----------------|----------------|---------------|---------------|
| 71) A) blaze | B) snooze | C) booze | D) shout | E) whip |
| 72) A) grab | B) handle | C) hand on | D) wrestle | E) wring |
| 73) A) spying | B) spotting | C) peering | D) staring | E) glancing |
| 74) A) time | B) tables | C) slides | D) scales | E) shifts |
| 75) A) while | B) once | C) during | D) for | E) as |
| 76) A) standing up | B) lying down | C) winding up | D) sitting | E) standing |
| 77) A) one | B) signed | C) signature | D) sole | E) whole |
| 78) A) along | B) as for | C) as well | D) along with | E) stand-by |
| 79) A) take after | B) bring up | C) take care | D) care for | E) see beyond |
| 80) A) likelihood | B) just likely | C) more likely | D) too likely | E) as likely |